

APRIL/MAY 2023

**CSMB65 — MEDICAL LABORATORY
TECHNIQUES**

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.



1. Define plasma.
2. What is fumigation?
3. Define Leukemia.
4. Define thrombopoiesis.
5. Expand PCV.
6. Define clotting time.
7. What is pap smear?
8. Mention any two functions of CSF.
9. Define sputum.
10. What is acetylcholinesterase.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Describe the general safety measures of medical laboratories.

Or

- (b) Write short notes on sterilization and disinfections.

12. (a) Discuss about the different types of anaemia.

Or

- (b) Give a concise account of the erythropoiesis.

13. (a) Write an account on estimation of ESR.

Or

- (b) What do you know about differential count?

14. (a) Give a brief account on urine analysis.

Or

- (b) Explain about the analysis of vaginal fluids.

15. (a) Write a note on collection and testing of synovial fluids.

Or

- (b) What is gastric juice? Add a note on its collection and testing.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss in detail about the components of plasma and its functions.
17. Give an elaborate account on blood grouping and transfusion.
18. Explain about the mechanism of blood coagulation.
19. Describe the microbiological examination of CSF fluid.
20. Write an essay on composition, collection and functions of amniotic fluid.